## SPECIAL SEQUENCE CAMERA

## Outline of Specifications

- 1. Complete System Consists of:
  - a. Camera body
  - b. 100 ft. magazine
  - c. 200 " "
  - d. 400 !!
  - e. 1,000 " "
  - f. 1" focal length lens f/2.3
  - g. 2'' ' f/2.3
  - h.  $4^{11-11}$  1 2.3
  - i. 6" " 2.7
  - j. 12<sup>11 11</sup> 11 4.5

  - 1. 24 "" 5.6

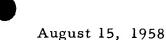
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- m. Power pack including receiver and transmitter.
- n. Accessories such as rangefinder, boresight, lens support, filters, extension power cables.

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- 2. System Characteristics:
  - a. Unit operates on 24v. D.C., as supplied by power pack.
  - b. Lenses and magazines are readily interchangeable, making it suitable for a wide range of applications.

(Cont'd.)



- c. Interval rate is variable over a wide range, so as to provide maximum coverage requirements.
- d. The entire system is compact and light in weight.
- e. The camera is designed for minimum power drain for maximum running time.
- f. Integral, through the lens, automatic exposure (shutter) control.
  - 1. The automatic shutter control extends the operation of the camera under poor light conditions (lens is usually set wide open).
  - 2. Under normal light conditions, the automatic shutter control sets the shutter at higher speeds thus yielding sharp pictures of moving subjects.
  - 3. Camera will remain in operation as light level decreases and will automatically shut-off when the light level is one stop below normal exposure. Correspondently, the camera will automatically turn-on as the light level reaches one stop below normal exposure.
  - 4. For moving subjects, the shutter speed can be set so as not to drop below 1/100 second.
  - 5. The 'ASA" film rating can be set by a control switch that is coupled to the automatic exposure control.
- g. Shutter can be manually set. Speeds range from 1/50 second to 1/1600 second.

- h. Integral 'Sequence Timer' covering a wide range i.e. from (1)

  frame per second to (1) frame per hour. 10 different intervals available.
- i. Independent "Burst Control Switch", i. e. 6 frames (1) second apart to occur at interval selected on sequence timer.
- j. The separate self-contained power pack is in a rigid carrying case.
  Batteries are re-chargeable.
- k. Camera can be focused through lens with a boresight.
- 1. The camera has a viewfinder with scale for seven different interchangeable lenses.
- m. The 100' and 200' magazines can be daylight loaded.
- n. All magazines have:
  - a. Automatic footage dials (footage remaining)
  - b. Removable pressure plate

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- o. The camera is completely automatic (following initial settings) and can be left unattended for long periods of time.
- p. Remote control by radio, the camera can be started or stopped.
- q. The size and weight of the camera is kept to a minimum and is designed around smallest area of film capacity (100').
- r. The camera has an exceptionally low noise level.
- s. Operating instruction marked directly on camera.

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ADDITIONAL FEATURES WHICH ARE TO BE ADDED!

- 1. DATA RECERDING TO INDICATE POINT AT WHICH
  ALSO,
  CAMERA SHUTS OFF, A DURING LONG PERIODS OF
  OPERATION, ADDRESS AND AN HOURSY INDICATION IS
  RECORDED ON THE FILM TO GIVE INDICATIONS OF
  LACSE OF TIME
- 2. VARIOUS ELEMENTS ARE BEING REDESIGNED FOR

  COREATER RELIABILITY IN OPERATION AS LOCAL AS

  SIMPLIFICATION FROM A MAINTENANCE POINTER VIEW,

  3. BATTERY CHARGER MINIATURIZED DESIGN

  FUR GOOD TEAMSPLRATATION MANDEING AND TO

  LUCKE FROM 110 OF 2200 AC AND DC.